

## INFORMATION PROTECTION SYSTEM

### ABSTRACT OF THE DISCLOSURE

Methods and system for facilitating the protection of files at one or more target locations. An archive containing one or more file collections is generated that stores the original set of files for the target locations. Each archived file collection may have one or more target locations that correspond to the archived file collection. The target locations are automatically synchronized to the archived file collection whenever the file collection is updated. In addition, at specified times or by demand, the files of a specified file collection are compared to the files at the target locations that correspond to the file collection. If a file addition, alteration, or deletion is detected, then an automatic correction of the file takes place so that the target location is seamlessly corrected. In this manner, a set of files, such as the files that contain the contents of a web site, can be maintained and kept up to date in a real time manner, without bringing down the web site to detect and correct unauthorized changes to the web site.

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